

HD

SERIES

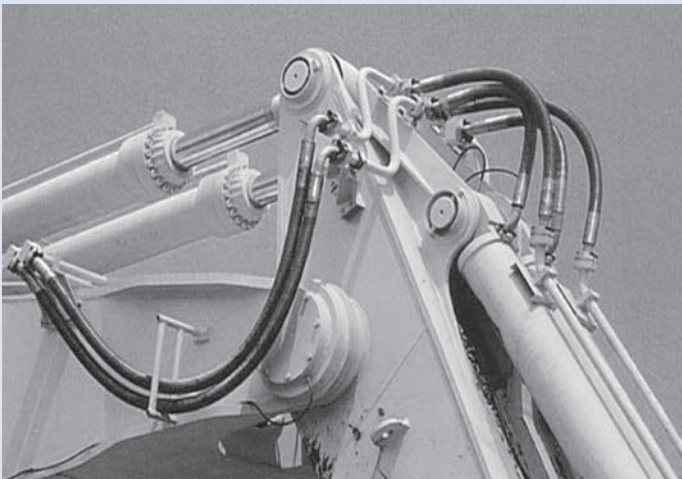
**HD SERIES means the hoses for Heavy Duty works.
It can stand the hard condition such as Construction and Mining Machinery.**

HD SERIES strengthens a long life and a high temperature resistant.

HD SERIES can correspond to the needs for the customers.

It is easy for the customers to design the hydraulic plumbing line, because HD SERIES adopts thin outer cover, And it is a remarkable improvement on the existing product regarding Min. bend radius , Flexibility , Weight.

We get complete sets of the high -quality and high-performance hose series to correspond to Ultra high pressure and bigger diameter for hydraulic line.



HD SERIES

HD350

HOSE STRUCTURE

INNER COVER: OIL RESISTANT SYNTHETIC RUBBER
REINFORCEMENT: STEEL WIRE
OUTER COVER: OIL&OZONE RESISTANT SYNTHETIC RUBBER

RECOMMENDED FLUIDS

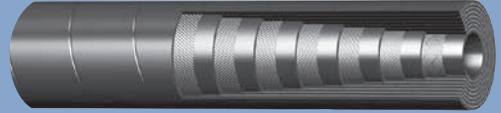
MINERAL SYNTHETIC OIL

OPERATING TEMPERATURE

-40°C~+100°C(-40°F~+212°F)

HOSE STRUCTURE&REINFORCEMENT

6W/S



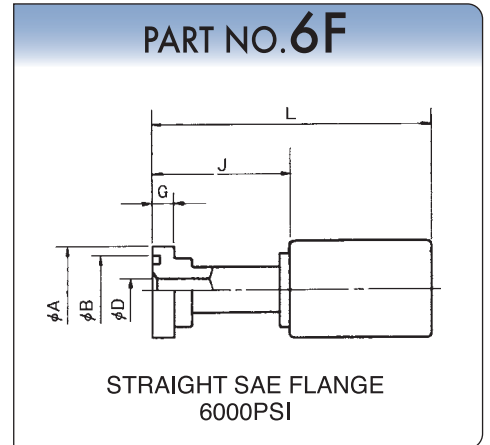
HD 350

SIZE	REINFORCEMENT	INNER DIAMETER mm (inch)	OUTER DIAMETER mm	MAX WORKING PRESSURE MPa (bar)	MIN. BURST PRESSURE MPa (bar)	MIN. BEND RADIUS mm	WEIGHT g/m
32	6W/S	31.8 (1¼)	49.7	35 (350)	140 (1,400)	320	3,845
38	6W/S	38.1 (1½)	57.8	35 (350)	140 (1,400)	370	5,160
50	6W/S	50.8 (2)	73.1	35 (350)	140 (1,400)	480	7,500

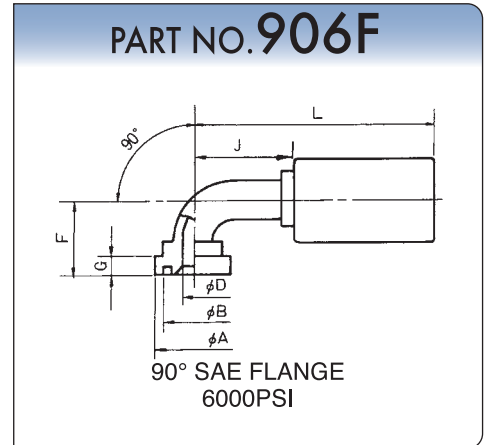
HD SERIES

HD350

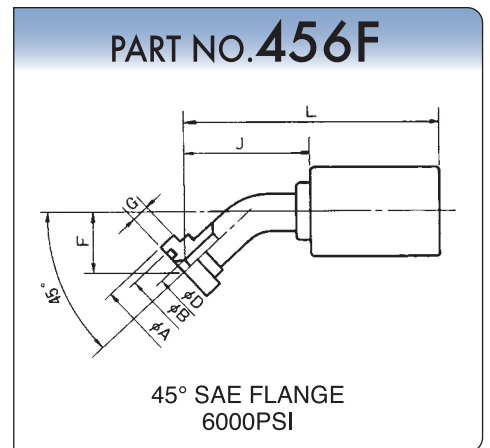
SIZE	A	B	D	G	J		L	WT
32	54.0	44.51	26.0	10.3	71		149	1,169
38	63.5	53.84	31.8	12.6	73		163	1,660
50	79.4	63.37	42.0	12.6	110		235	3,489



SIZE	A	B	D	F	G	J		L	WT
32	54.0	44.51	27.1	100	10.3	96		174	1,600
38	63.5	53.84	32.4	115	12.6	115		205	2,420
50	79.4	63.37	42	155	12.6	166		291	4,950



SIZE	A	B	D	F	G	J		L	WT
32	54.0	44.51	27.1	47	10.3	105		183	1,380
38	63.5	53.84	32.4	63	12.6	145		235	2,200
50	79.4	63.37	42	76	12.6	186		311	4,295

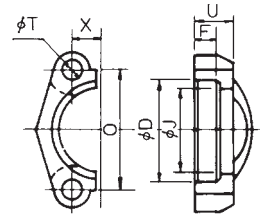


ACCESSORIES

SAE SPLIT FLANGE

PART.NO	D	F	J	O	T	U	X	weight
SF-3008	31.0	6.09~6.35	24.3	38.1	8.7	12.7	8.7	55
SF-3012	38.9	6.09~6.35	32.1	47.6	10.3	14.2	11.1	80
SF-3016	45.2	7.36~7.62	38.5	52.4	10.3	15.7	13.1	110
SF-3020	51.6	7.36~7.62	43.7	58.7	11.9	14.2	15.1	135
SF-3024	61.1	7.41~7.67	50.8	69.9	13.5	15.7	17.9	215
SF-3032	72.2	8.89~9.15	62.7	77.8	13.5	15.7	21.4	250

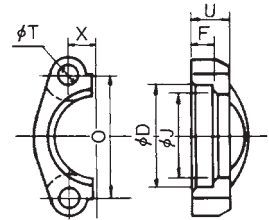
PART NO. SF3000



SAE SPLIT FLANGE CLAMPS
3000PSI CODE61-SAE J518

PART.NO	D	F	J	O	T	U	X	weight
SF-6008	32.5	6.97~7.23	24.6	40.4	8.4	16.0	9.1	60
SF-6012	42.1	8.13~8.39	32.5	50.8	10.3	19.0	11.9	150
SF-6016	48.4	8.89~9.15	38.9	57.2	11.9	23.9	13.9	250
SF-6020	54.8	9.65~9.91	44.5	66.7	13.5	26.9	15.9	400
SF-6024	64.3	11.94~12.20	51.6	79.4	16.7	30.2	18.3	590
SF-6032	80.2	11.94~12.20	67.6	96.8	19.8	36.6	22.2	1,100

PART NO. SF6000



SAE SPLIT FLANGE CLAMPS
6000PSI CODE62-SAE J518

ACCESSORIES O'RING

Size	SAE 3000PSI-6000PSI O'RING		
	inch	O'RING	
		JIS	SAE
15	1/2	W1516 AN6227-15	MIL-P-25732-210
20	3/4	W1516 AN6227-19	MIL-P-25732-214
25	1	W1516 AN6227-24	MIL-P-25732-219
32	1 1/4	W1516 AN6227-27	MIL-P-25732-222
40	1 1/2	W1517 AN6230-3	MIL-P-25732-225
50	2	W1517 AN6230-6	MIL-P-25732-228

The hardness of O'RING recommend JIS90°

BOLT·NATT FOR FLANGE

Size	SAE 3000 PSI		SAE 6000 PSI	
	inch	BOLT	inch	BOLT
15	1/2	5/16 -18UNC2A	1/2	5/16 -18UNC2A
20	3/4	3/8 -16UNC2A	3/4	3/8 -16UNC2A
25	1	3/8 -16UNC2A	1	7/16 -14UNC2A
32	1 1/4	7/16 -14UNC2A	1 1/4	1/2 -13UNC2A
40	1 1/2	1/2 -13UNC2A	1 1/2	5/8 -11UNC2A
50	2	1/2 -13UNC2A	2	3/4 -10UNC2A